

Message Text

SECRET

PAGE 01 MOSCOW 09584 091622Z

50

ACTION SS-25

INFO OCT-01 ISO-00 SSO-00 NSCE-00 CIAE-00 DODE-00 INRE-00

ERDE-00 ACDE-00 /026 W

----- 112855

O 091505Z JUL 75

FM AMEMBASSY MOSCOW

TO SECSTATE WASHDC IMMEDIATE 2062

S E C R E T MOSCOW 9584

EXDIS

E.O. 11652 XGDS-3

TAGS: PARM, US, UR

SUBJECT: TTBT/PNE NEGOTIATIONS: DELEGATION COMMENTS ON MAY 29

DRAFT OF PROTOCOLS I, II AND III - DELEGATION MESSAGE NO. 55

1. RECOMMEND INCORPORATION, AT APPROPRIATE PLACES IN PROTOCOLS, OF SUBSTANCE OF ITEMS A, E, F, G, M, AND O OF MOSCOW 8954, PARA 6.
2. RECOMMEND AMENDMENTS TO PROTOCOL I ACCORDING TO MOSCOW 8788.
3. RECOMMEND ADDITION OF FOLLOWING PARAGRAPH BETWEEN PRESENT PARAS 6 AND 7 OF PROTOCOL I:

"THE HOST PARTY MAY AT ANY TIME, AT THE SOLE DISCRETION OF THE HOST PARTY, INVITE REPRESENTATIVES OF THE OTHER PARTY TO THE SITE OF AN UNDERGROUND NUCLEAR EXPLOSION FOR PEACEFUL PURPOSES IN ORDER TO ENGAGE IN CONSULTATIONS AND OBSERVATIONS IN WAYS TO BE ESTABLISHED AT THE SOLE DISCRETION OF THE HOST PARTY. SUCH INVITATIONS, WHETHER ACCEPTED BY THE OTHER PARTY OR NOT, SHALL NOT IN ANY WAY LIMIT OR CHANGE THE RIGHTS AND OBLIGATIONS OF THE PARTIES AS PROVIDED IN PARAGRAPH 7 OF THIS PROTOCOL."

4. CURRENT PARAGRAPH 7 OF DRAFT PROTOCOL I SHOULD BE REVISED, REPLACING "THAT IS TO HAVE A YIELD OF 50 KILOTONS OR MORE" AND SUBSEQUENT DETAIL IN SUBPARAGRAPHS WITH LANGUAGE REFLECTING REVISED RELATIONSHIP BETWEEN YIELD LEVELS AND INFORMATION EXCHANGE

SECRET

SECRET

PAGE 02 MOSCOW 09584 091622Z

INCORPORATED IN MOSCOW 8788.

5.

PROTOCOL II, PARA 5: SPECIFICATION OF SIX INSTRUMENTS PER EXPLOSIVE APPEARS EXCESSIVE AND DIFFICULT TO DEFEND FROM A TECHNICAL VIEWPOINT. RECOMMEND ASKING FOR TOTAL OF SIX INSTRUMENTS PLUS ADDITIONAL INSTRUMENT FOR EACH EXPLOSION IN THE GROUP.

6. PROTOCOL II, PARA 6(A)(II): RECOMMEND THAT REQUIREMENT TO PROVIDE DESIGN INFORMATION FOR YIELD DETERMINATION EQUIPMENT 90 DAYS PRIOR TO EXCHANGE OF INSTRUMENTS OF RATIFICATION BE CHANGED TO FOLLOW PRESCRIPTION IN PARA 2 OF TTBT PROTOCOL. ADDITIONALLY, LANGUAGE AS WRITTEN MAKES NO EXPLICIT PROVISION FOR CHANGES IN DESIGN OR COMPONENTS RESULTING FROM STATE-OF-THE-ARTS CHANGES IN INSTRUMENT DESIGN OR OPERATIONAL EXPERIENCE. RECOMMEND ADDING TO PARA 6(A)(II) PROVISION FOR AMENDMENT OF DESIGN INFORMATION AFTER TREATY ENTERS INTO FORCE.

7. PROTOCOL II, PARA 6(A)(IV): RECOMMEND AMENDMENT OF LAST SENTENCE AS FOLLOWS: "... NUCLEAR EXPLOSIVES EMPLACEMENT ASSEMBLY ..."

8. PROTOCOL II, PARA 6(A)(V): RECOMMEND SIMPLIFICATION AND CLARIFICATION OF LANGUAGE IN FIRST SENTENCE AS FOLLOWS: "... BY A DISTANCE IN METERS THAT IS 2 TIMES THE CUBE ROOT OF THE YIELD IN KILOTONS."

9. PROTOCOL II, PARA 6(A)(VI): IN ORDER NOT TO PRECLUDE USE OF SUCH ITEMS AS AIR DIELECTRIC CABLES, RECOMMEND AMENDING LATTER PART OF THIS PARAGRAPH TO: "... HOLE SHALL NOT CONTAIN UNFILLED PIPES OR TUBES HAVING AT ANY POINT AN AGGREGATE CROSS-SECTION AREA IN EXCESS OF 10 SQUARE CENTIMETERS."

10. PROTOCOL II, PARA 6(A)(VIII): RECOMMEND LANGUAGE BE AMENDED TO FOLLOWING: "FOR THOSE NUCLEAR EXPLOSIVES IN SEPARATE EMPLACEMENT HOLES, THE EMPLACEMENTS SHALL BE SUCH THAT THE DISTANCE, D, IN METERS BETWEEN ANY NUCLEAR EXPLOSIVE AND ANY PORTION OF THE ELECTRICAL EQUIPMENT (INCLUDING CABLES) FOR YIELD DETERMINATION ASSOCIATED WITH ANY OTHER NUCLEAR EXPLOSIVE IN THE GROUP SHALL BE NOT LESS THAN 10 TIMES THE CUBE ROOT OF THE YIELD IN KILOTONS OF THE LARGER OF ANY PAIR OF NUCLEAR EXPLOSIVES. INDIVIDUAL
SECRET

SECRET

PAGE 03 MOSCOW 09584 091622Z

EXPLOSIONS SHALL BE SPACED IN TIME BY AN INTERVAL, IN MILLISECONDS, NOT GREATER THAN ONE-HALF OF THE AMOUNT BY WHICH THE DISTANCE D IN METERS EXCEEDS 10 TIMES THE CUBE ROOT OF THE YIELD IN KILOTONS OF THE LARGER OF ANY PAIR OF NUCLEAR EXPLOSIONS."

(PRESENT WORDING WOULD PERMIT USE OF TIME DELSYS WHICH WOULD ELIMINATE POSSIBILITY OF RECOVERING SLIFER DATA FROM ADJACENT EXPLOSIONS.)

11. PROTOCOL II, PARA 6(A)(IX): RECOMMEND FOLLOWING CLARIFICATIONS OF LANGUAGE:

A) CHANGE LINE 4 TO READ: "... SHALL BE A DISTANCE, IN METERS, NOT LESS THAN 10 TIMES THE CUBE ..."

B) CHANGE LINE 9 TO READ: "... EXPLOSIONS SPACED AT TIME INTERVALS, IN MILLISECONDS, OF NOT LESS THAN 1.5 TIMES THE CUBE ROOT ..."

12. PROTOCOL II, PARA 6(C)(I): THE WORD "CUBE" IN LINE 3 SHOULD BE CHANGED TO READ "3.4".

13. PROTOCOL II, PARA 6(C)(II) SHOULD BE REPLACED WITH THE FOLLOWING:

"THE DISTANCE IN THE HORIZONTAL PLANCE BETWEEN ANY TWO EXPLOSIVES SHALL BE NO LESS THAN THE DEPTH OF EMPLACEMENT OF THE EXPLOSIVE HAVING THE LARGER PLANNED YIELD OF ANY PAIR OF NUCLEAR EXPLOSIVES."

14. PROTOCOL II, AN ITEM (III) SHOULD BE ADDED TO PARA 6(C) AS FOLLOWS:

"FOR ANY GROUP CONSISTING OF MORE THAN TWO EXPLOSIONS, THE PROJECTIONS OF THE EMPLACEMENT LOCATIONS OF THE EXPLOSIVES FALL ON A SINGLE STRAIGHT LINE IN THE HORIZONTAL PLAN WITH THE DEVIATION OF EACH SUCH PROJECTION BEING TMT MORE THAN A DISTANCE EQUAL TO TEN PERCENT OF THE DEPTH OF EMPLACEMENT OF THAT EXPLOSIVE."

15. PROTOCOL III, PARA 3: CHANGE "CUBE" LINE LINE 2 TO /3.4".

16. PROTOCOL III, PARA 4: REQUIREMENT THAT HOSE PARTY DRILL INTO SECRET

SECRET

PAGE 04 MOSCOW 09584 091622Z

THE RUBBLE WITHIN 30 DAYS IS VAGUE WITH RESPECT TO WHAT ACTION IS REQUIRED BY THAT DATE. SINCE IT MAY TAKE A CONSIDERABLE TIME TO MOBILIZE AN APPROPRIATE DRILL RIG AND CREW WITHOUT ANY WARNING AND TO DRILL FAR ENOUGH TO RECOVER ADEQUATE MELT SAMPLES, RECOMMEND CHANGING LINES 9 THROUGH 13 TO READ AS FOLLOWS:

"... WITHIN 60 DAYS OR LESS AFTER THE NUCLEAR EXPLOSION, INITIATE DRILLING INTO THE REGION BENEATH THE EXPLOSION POINT FOR RECOVERY OF SAMPLES OF MATERIAL RENDERED MOLTEN BY THE UNDERGROUND NUCLEAR EXPLOSION FOR PEACEFUL PURPOSES. THIS DRILLING SHALL BE PURSUED IN A DILIGENT MANNER AND SAMPLES OF SUCH MATERIAL SHALL BE RECOVERED AND PROVIDED TO DESIGNATED PERSONNEL OF THE OTHER PARTY WITHIN NOT MORE THAN 120 DAYS AFTER THE EXPLOSION."

17. PROTOCOL III, PARA 6(A): RECOMMEND AMENDING SECOND LINE TO

SAY "OTHER PARTY TO SELECT AND RETRIEVE".

18. PROTOCOL III, PARA 6(F): THE NUMBER "100 KILOGRAMS" APPEARS TO BE EXCESSIVE. RECOMMEND REVIEW OF NUMBER IN LIGHT OF EXPERIENCE WITH POST-SHOT DRILLING AND SIZE OF SAMPLES REQUIRED FOR RADIOACTIVE ANALYSIS.

19. DELEGATION DOES NOT PLAN TO MAKE FURTHER COMMENTS ON PROTOCOLS UNTIL CURRENT VERSION IS MADE AVAILABLE FOR REVIEW.
BREMENT

SECRET

NNN

Message Attributes

Automatic Decaptioning: Z
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: MEETING AGENDA, PEACEFUL NUCLEAR EXPLOSIONS, NEGOTIATIONS
Control Number: n/a
Copy: SINGLE
Draft Date: 09 JUL 1975
Decaption Date: 28 MAY 2004
Decaption Note: 25 YEAR REVIEW
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: GolinoFR
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1975MOSCOW09584
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: X3
Errors: N/A
Film Number: D750236-1047
From: MOSCOW
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1975/newtext/t19750773/aaaacnbe.tel
Line Count: 179
Locator: TEXT ON-LINE, ON MICROFILM
Office: ACTION SS
Original Classification: SECRET
Original Handling Restrictions: EXDIS
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 4
Previous Channel Indicators: n/a
Previous Classification: SECRET
Previous Handling Restrictions: EXDIS
Reference: n/a
Review Action: RELEASED, APPROVED
Review Authority: GolinoFR
Review Comment: n/a
Review Content Flags:
Review Date: 11 JUN 2003
Review Event:
Review Exemptions: n/a
Review History: RELEASED <11 JUN 2003 by CunninFX>; APPROVED <12 JUN 2003 by GolinoFR>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
06 JUL 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: TTBT/PNE NEGOTIATIONS: DELEGATION COMMENTS ON MAY 29 DRAFT OF PROTOCOLS I, II AND III - DELEGATION MESSAGE
NO. 55
TAGS: PARM, US, UR
To: STATE
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 06 JUL 2006